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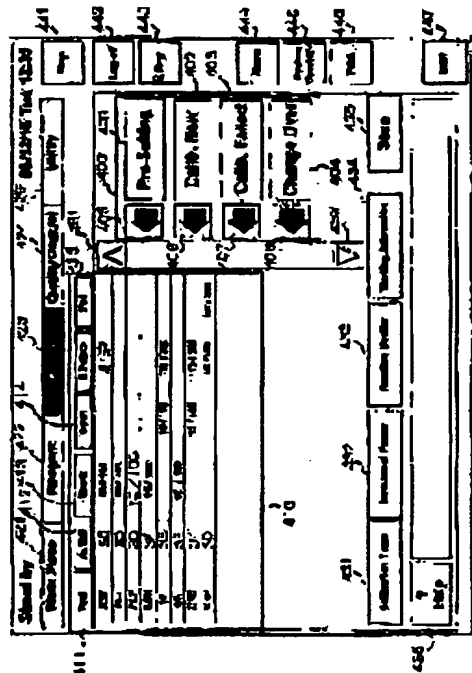|	
(21)Application number : 10-097754	(71)Applicant : HITACHI LTD
(22)Date of filing :　09.04.1998	(72)Inventor : MIMURA TOMONORI
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(30)Priority

Priority number : 09 92378　　Priority date : 10.04.1997　　Priority country : JP

(54) AUTOMATIC ANALYTICAL DEVICE AND ITS SUPPORTING SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To easily report to an operator and allow each analysis unit to execute calibration or precise management accurately by displaying the analysis item name and analysis unit name of a corresponding state when it becomes necessary to allow the analysis unit to execute calibration or precise management.

SOLUTION: For example, a calibration now display block 402 blinks, when there are analysis items where the time interval of calibration passed. Analysis item names and analysis unit names for performing calibration are displayed at the columns of a test 411 and an A unit 412, while the effective time of lapse time/calibration is displayed at the columns of a blank 413 and a span 414. The effective time of the lapse time/calibration is displayed at the column of a two-points 415 in the case of calibration using two types of standard liquids with a known concentration. An effective time is displayed at the column of a full 416 in the case of calibration using at least three types of standard liquids with a known concentration.

LEGAL STATUS

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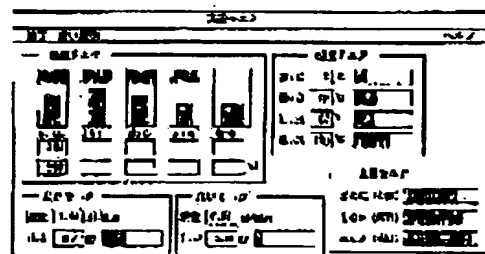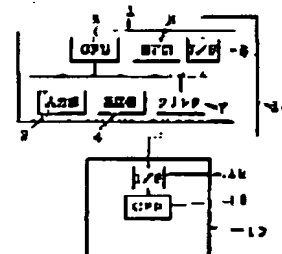(22)Date of filing : 04.09.1995

(71)Applicant : JEOL LTD

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(54) USER INTERFACE OF CHEMICAL ANALYSER

(57)Abstract:

PROBLEM TO BE SOLVED: To surely grasp the states of the liquids in respective bottles by displaying the residual amt. of a reagent bottle and the amt. of the waste soln. in a waste soln. bottle when a menue observing the states of the respective parts of an analyser body is selected.

SOLUTION: When an apparatus monitor button is pushed, a CPU 2 displays the job screen related to an apparatus monitor on the window of a display part 5. The bar graph in each bottle of the column of a residual amt. monitor is displayed on the screen and the numerical values of an initial amt. and a residual amt. are displayed on the lower part of the bottle up and down. The initial amt. is inputted by an operator before analysis. A CPU 11 inputs the amts. of a reagent, an eluate and a waste soln. operated at every predetermined time to a CPU 2 and the CPU 2 calculates the present amts. from the respective initial amts. to display the same on an upper column and the length of a bar graph is corrected. By this constitution, the operator can clearly confirm the present amt. in each bottle visually.

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